

FORM PTO-1419
(REV. 7-80)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
PP-01406.004/200130.438D1EXPRESS MAIL NO.
EL755724263US

INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

APPLICANT
Todd W. SeeleyFILING DATE
February 27, 2002GROUP/ART UNIT
Not yet assignedU.S. PTO
10/084700
02/27/02

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
R	AA	5,283,173	02/01/94	Fields et al.	435	6	
R	AB	5,518,911	05/21/96	Abo et al.	435	194	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
					YES	NO
R	AC	WO 93/19752	10/14/93	WIPO		
R	AD	WO 96/09835	04/04/96	WIPO		

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

R	AE	Database EMBL ID No. HS1249493, AC. No. AA449311, June 10, 1997.
R	AF	Database EMBL ID No. HS1229812, AC. No. AA430092, May 25, 1997.
R	AG	Database EMBL AC. No. P97397, May 1, 1997.
R	AH	Database EMBL ID No. MMU67327, AC. No. U67327, January 19, 1997.
R	AI	Hoyt et al., "S. cerevisiae Genes Required for Cell Cycle Arrest in Response to Loss of Microtubule Function," <i>Cell</i> 66: 507-517, 1991.
R	AJ	Kalitsis et al., "Bub3 gene disruption in mice reveals essential mitotic spindle checkpoint function during early embryogenesis," <i>Gene & Development</i> 14(18):227-2282, September 15, 2000.
R	AK	Martinez-Exposito et al., "Retention of the Bub3 checkpoint protein on lagging chromosomes," <i>P.N.A.S. USA</i> 96(15):8493-8498, July 20, 1999.
R	AL	Ouyang et al., "Human Bub1: A Putative Spindle Checkpoint Kinase Closely Linked to Cell Proliferation," <i>Cell Growth & Differentiation</i> 9: 877-885, 1998.
R	AM	Pangilinan et al., "Mammalian BUB1 Protein Kinases: Map Positions and <i>in Vivo</i> Expression," <i>Genomics</i> 46: 379-388, 1997.
R	AN	Roberts et al., "The <i>Saccharomyces cerevisiae</i> Checkpoint Gene <i>BUB1</i> Encodes a Novel Protein Kinase," <i>Molecular And Cellular Biology</i> 14(12): 8282-8290, 1994.
R	AO	Seeley et al., "Phosphorylation of human MAD1 by the BUB1 kinase <i>in vitro</i> ," <i>Biochem. Biophys. Res. Commun.</i> 257(2):589-595, April 13, 1999.

EXAMINER

DATE CONSIDERED

12/13/03

* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).

FORM PTO-1449
(REV. 7-80)U.S. DEPARTMENT OF COMMERCE
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U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	BA						
	BB						
	BC						
	BD						
	BE						
	BF						
	BG						
	BH						
	BI						
	BJ						
	BK						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
					YES	NO
	BL					
	BM					
	BN					
	BO					
	BP					

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

8	BQ	Taylor and McKeon, "Kinetochore Localization of Murine Bub1 Is Required for Normal Mitotic Timing and Checkpoint Response to Spindle Damage," <i>Cell</i> 89: 727-735, 1997.
8	BR	Taylor et al., "The human homologue of Bub3 is required for kinetochore localization of Bub1 and a Mad3/Bub1-related protein kinase," <i>J. Cell Biology</i> 142(1):1-11, July 13, 1998.

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